Title (en)

MULTI-RATE SHARED MEMORY ARCHITECTURE FOR FRAME STORAGE AND SWITCHING

Title (de)

MEHRRATEN-SHARED-MEMORY-ARCHITEKTUR FÜR DIE RAHMENSPEICHERUNG UND VERMITTLUNG

Title (fr)

ARCHITECTURE DE MEMOIRE PARTAGEE A PLUSIEURS CADENCES POUR MEMORISATION ET COMMUTATION DE TRAMES

Publication

EP 1425672 B1 20080206 (EN)

Application

EP 02709739 A 20020227

Priority

- US 0206228 W 20020227
- US 93222301 A 20010817

Abstract (en)

[origin: WO03017115A1] A shared memory (120) provides buffering and switching for all data frames that flow through a network channel switch. Received frames of data are written to shared memory via the receiving (RX) port and read from shared memory by the transmitting (TX) port. Shared memory allows data to be written to a buffer at one rate and read from a buffer at a different rate.

IPC 8 full level

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CPC (source: EP US)

G06F 13/1689 (2013.01 - EP US); **G06F 13/4022** (2013.01 - EP US); **H04L 49/357** (2013.01 - EP US); H04L 49/103 (2013.01 - EP US); H04L 49/254 (2013.01 - EP US)

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